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to about 15' during June. The distance between the stars is about 2°.

Neptune is in the western sky in the evening in the constellation *Cancer*. *Saturn* is in the same neighborhood west of *Neptune* and gradually drawing nearer, the distance apart of the planets being about 3° at the end of June.

HELIOCENTRIC POSITIONS. OF *VESTA* AND COMET *b* (WOLF) 1916, AT TIME OF NEAREST APPROACH, NOVEMBER 4-5, 1917.

By FRANK E. SEAGRAVE.

Comet (Wolf) 1916 *b*, and the Asteroid *Vesta*. 1917
November 4.

<i>Comet</i>		<i>Vesta</i>	
$\lambda =$	11° 23' 2"	$\lambda =$	12° 17' 55"
$\beta =$	- 3 52 25	$\beta =$	- 7 8 1
Log $r =$	0.39154	Log $r =$	0.39056

Distance between the two = 0.144 of an astronomical unit.

Comet nearest Sun	=	June 16.51	1917
Comet nearest Earth	=	Aug. 21.	1917
Comet in opposition	=	Sept. 16.	1917
<i>Vesta</i> in opposition	=	Sept. 30.	1917

Nearest approach of Comet and *Vesta* = Nov. 4-5. 1917

EPHEMERIS OF COMET *b* (WOLF) 1916 FOR THE MONTH OF JUNE, 1917.

By FRANK E. SEAGRAVE.

1917	α	δ	Log r	Log Δ
June 2	21 ^h 49 ^m 39 ^s	+20° 42' 33"	0.22946	0.11396
" 6	21 58 37	+21 29 59	0.22820	0.10591
" 10	22 7 21	+22 13 5	0.22734	0.09798
" 14	22 15 53	+22 51 15	0.22692	0.09023
" 18	22 24 9	+23 24 35	0.22693	0.08248
" 22	22 32 7	+23 52 0	0.22736	0.07498
" 26	22 39 45	+24 13 37	0.22820	0.06754
" 30	22 46 41	+24 30 3	0.22947	0.05988